

TRANSFORMER SITAS;
 PHASES:1;
 PN/PN(S6)(KVA):0,145 /0,49;
 UPRI(V):440+/-5%;
 USEC(V):230;
 ISEC(A):0,61;
 F(HZ):50...60;
 VECTOR GR./SHIELD WNG.:li0 /0;
 TA/ISOKL:40 /B;
 IP23;
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;
 INSTALLATION:SCREW;
 EN 61558-2-1, -2-2,
 -2-4 >UL/CSA-RECOGNIZED< >CONTROL CIRCUIT
 TRANSFORMER< >ISOLATION TRANSFORMER<

General technical details:

Product designation		transformer SITAS
product brand name		SIDAC
Operating apparent output / rated value	V·A	145
Efficiency		0.86
Manner of switching for transformers		li0
Verification of suitability		CE / cRUus
Product function		
• temperature surveillance		No
• isolation control		No
• short circuit and overload protection		No
Number of the protective coils		0
Short-term vector power	V·A	490
Relative short-circuit voltage	%	7.7

Inputs:

Phase number / of the inputs		1
Input voltage		
• _1 / rated value	V	462
• _2 / rated value	V	440
• _3 / rated value	V	418
Electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60

Outputs:

Phase number / of the outputs		1
Output voltage		
• _1 / rated value	V	230
Electrical output frequency		
• maximum	Hz	60
• minimum	Hz	50

Ambient conditions:

Thermal class / according to IEC 60085		B
Ambient temperature / rated value	°C	40
Protection class IP		IP23

Mechanical design:

Design of the electrical connection		
• secondary side / for main current circuit		screw-type terminals / tab terminals
• at the input / for main current circuit		screw-type terminals / tab terminals
Mounting type		screws
Construction form of the iron core		EI 96/44
Width	m	0.244
Height	m	0.245
Depth	m	0.23

Certificates/approvals:

General Product Approval

Shipping Approval

other



GOST



PRS

[other](#)**Further information:****Information- and Downloadcenter (Catalogs, Brochures,...)**<http://www.siemens.com/industrial-controls/catalogs>**Industry Mall (Online ordering system)**<http://www.siemens.com/industrial-controls/mall>**CAX-Online-Generator**<http://www.siemens.com/cax>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<http://support.automation.siemens.com/WW/view/en/4AM3842-5CT10-0FC0/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM3842-5CT10-0FC0**last change:**

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